

## ABSTRACT OF THE DISCLOSURE

A rotary electric machine has a brush assembly that defines a slip ring cavity enclosing slip rings and brushes. The brush assembly provides two different outlets for particles and cooling air. The first outlet is located on a side with respect to a shaft and is directed in an axial backward direction. The second outlet is located on a bottom and is directed in a radial downward direction. The second outlet is close to a fan for inducing airflow in the slip ring cavity.

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